

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
STANDARD ANNULAR PRESSURE TEST

Operator MERIT ENERGY
Address 1510 Thomas Rd SW
Kal Kosta, MI 49646
Well Name Stack whitewater 1-32 SWD

State Permit No. 31190 ✓
USEPA Permit No. MI 055-2D-0010
Date of Test 1-31-13
Well Type 2D

LOCATION INFORMATION NE Quarter of the NW Quarter of the 27N
NW Quarter
Section 32 : Range 9W : Township WHITE WATER : County GRAND TRAVERSE
Company Representative MARK WERTS : Field Inspector _____
Type of Pressure Gauge _____ inch face: 4" psi full scale: 0-1000 psi increments:
New Gauge? Yes ☒ No ☐ If no, date of calibration 10/9/12
Calibration certification submitted? Yes ☒ No ☐

TEST RESULTS

	Pressure (in psig)	
Time	Annulus	Tubing
<u>1:00 PM</u>	<u>355 PSE</u>	<u>0 PSE</u>
<u>1:10 PM</u>	<u>351 "</u>	<u>0 "</u>
<u>1:20 PM</u>	<u>350 "</u>	<u>0 "</u>
<u>1:30 PM</u>	<u>350 "</u>	<u>0 "</u>

5-year or annual test on time? Yes ☐ No ☒
After rework? Yes ☒ No ☐
Newly permitted well? Yes ☐ No ☒

Casing size 5 1/2"
Tubing size 2 7/8"
Packer type Unipacker-tension
Packer set @ 1612'

Fluid return (gal.) 2.0
Comments:

Test Pressures: Max. Allowable Pressure Change: Initial test pressure x .03 10.65 psi
Half Hour Pressure change 5.0 psi

Test Passed ☒ Test Failed ☐ If failed test, well must shut in, no injection can occur, and USEPA must be contacted within 24 hours. Corrective action needs to occur, the well retested, and written authorization received before injection can recommence.

Mark R. Werts
Signature of Company Representative

1-31-13
Date

UNWITNESSED MECHANICAL INTEGRITY TEST FORM